

# The Daily Astorian.

Vol. XIX.

Astoria, Oregon, Wednesday Morning, July 4, 1883

No. 82.

## VASTNESS OF THE SEA.

The Popular Science News deals in some incomprehensible figures in regard to the waters of the earth. The area of the ocean is about three times that of the land; the one being estimated at 52,000,000, and the other at about 125,000,000 square miles. The average depth of the ocean is 2600 fathoms. This would give a total volume of water equal to more than sixty trillion cubic feet. This sum expressed in figures would be represented by a six with nineteen ciphers. Water is encroaching upon the land at the rate of about one foot in 3,600 years. This would indicate that in 10,000,000 years the land will be covered by the sea. But, as we indicated in a previous article, there is an opposing force which gradually uplifts the land, the war finally ending in the triumph of the land and the total extinction of the water. At present we may be truly said to be surrounded by water, for in the unseen air above us there is an average of more than thirteen billion cubic feet of water, which, if suddenly condensed, would form a vast ocean of itself. It requires about two thousand billion feet of water to keep all the lakes and rivers of the globe supplied for six months. If this mighty volume of water should suddenly cease to flow to the ocean, no appreciable effect would be noticed. If, however, there is, as has been estimated, 10,000,000 square miles of ice and snow at the polar regions, with an average depth of 500 feet, and it should liquefy, there would result a volume of water represented by 139,392 with twelve ciphers; in other words, one hundred and thirty-nine thousand three hundred and ninety-two billion square feet. This, with the waters of the lakes and rivers, if precipitated into the sea, would cause an elevation of its surface quite serious to think of. But we have little to fear from such a source. These facts and figures, based upon scientific investigations, present a fair specimen of the patience and zeal with which our philosophers pursue their researches into the hidden mysteries of nature.

## Shall we Know Each Other There?

The minister of a fashionable church once preached a beautiful sermon on this subject. He drew the picture of a very beautiful heaven. We would walk in sunlit groves, by the music of waterfalls, and gaze out on the amaranthine fields. And then, too, "we shall know each other there," said the minister, and then added, "there'll be no strangers in the New Jerusalem; we shall all be friends."

"Beautiful!" said Deacon Sham, as he trotted down the aisle.

"A lovely sermon!" said Miss Simkins, as she put her bony hand into the minister's. She was stopped by a poor mechanic, who came up and addressed the preacher:

"Mr. —, I am glad we shall recognize each other up there."

"Yes," said the minister, "it is one of the grandest consolations of our religion."

"Well, I'm right glad we shall know each other. It will be a great change, though—for I have attended your church for over four years, and none of the members of this society have recognized me yet. But 'we shall know each other there.'"

Gen. Orrin L. Mann, Sheriff of Chicago, Ill., gives this as his opinion of St. Jacobs Oil: "Some time ago I was troubled with rheumatism. Every one was free with his sympathy and suggestions, but nothing relieved me of the severe pain. I had read the testimonials of people I know who had been cured by the use of St. Jacobs Oil, and I thought I would test it. The first application worked wonders, and I was not long a sufferer. It is wonderful what little show that malady has when brought into contact with the Great Pain Panacea."

—That Hacking Cough can be so quickly cured by Shiloh's Cure. We guarantee it. Sold by W. E. Dement.

## A Formidable Rival to the Canadian Pacific.

A Montreal, Canada, special states that a contract for another great railway enterprise has been given out to build a new line called the Ontario and Pacific Railway, from Cornwall, on the bank of the St. Lawrence, to Sault St. Marie, to connect with the Northern Pacific Railway over the big bridge, a distance to the western terminus of 200 miles. It is claimed this will make the most direct and shortest line to the west from the Atlantic seaboard, and will give the Northern Pacific the advantage over both the Canadian Pacific and Grand Trunk from ocean to ocean. The Dominion government's charter gives the company the power to build a bridge over the St. Lawrence, and American connections are already secured from the border line to Portland, Maine, Boston and New York. A large part of the new road will run almost parallel with the Canadian Pacific to Sault St. Marie. It will receive bonuses from municipal and other sources. The contract was given to a Philadelphia man, and the promoters are American and Canadian capitalists. Bonds to the extent of \$12,000,000 will be issued. This will be a tremendous rival to the Canadian Pacific. Duncan, McIntyre and R. B. Angus, directors, and Vanhorne, general manager, went off in haste to meet President Stephens of the Canadian Pacific, relative to this threatening scheme. How they can counteract it without purchasing the charter is a mystery. The project, which has been kept a secret, has produced a sensation here. It is popular, as the Canadians have been crying out against railway monopolies.

## A Primitive Railroad.

I wish I could give you a description that would do justice to a railroad I rode on in Oregon. There used to be some coal mines up at Coquille City, and a wooden tramway was run up from the head of Coos Bay. The mines gave out, but the tramway was left. I heard there was a railroad, and when I got there the train had backed up to the end of the track. Well, you would have died to see that train of cars. The old man who had appropriated the tramway had got an old engine out of the mine and mounted it on a hand car and connected the driving shaft with the handle. This was the engine and tender. The baggage, mail and express cars, and the passenger coaches were comprised in two rubble cars, such as are used in the section for carrying tools, rails, etc. The old man was a no less wonderful combination than the train. He was the company and the working force of the road. President, vice-president, stockholders, agent, conductor, engineer, fireman and peat boy were all comprised in his lank form. He never had any trouble with the stockholders, and he carried the general office in his hat. My fellow passenger raised an umbrella when he got on board, and on my inquiry as to the need of an umbrella, said I had better raise mine—I would need it. When the train started I found out he was right. The puffing, wheezy old engine sent soot and water over us in a perfect shower. We got along, however, very well, and would have made the trip as quickly as we could have walked it, if the train had not stopped when we were about half way and waited half an hour for a man who wanted to go with us to finish his supper.—*Corr. Nebraska State Journal.*

## A Sufferer from Rheumatism.

I limped about for years with a cane, and could not bend down without excruciating pain. Parker's Ginger Tonic effected an astonishing cure and keeps me well. It is infallible. M. Guilfoyle, Binghamton, N. Y.

## Mental depression, weakness of the muscular system, general ill-health, benefited by using Brown's Iron Bitters.

—Averill's mixed paints, the best in use, for sale at J. W. Conn's drug store, opposite Occident Hotel.

## San Francisco is not the only place where murderers are safe from the vengeance (?) of the law.

Chicago has had sixty-nine undoubted murders since the beginning of the year 1881, and of all the murderers only one has been hanged. There never was a time before when punishment was so slowly and meagerly meted out to criminals, a state of affairs generally attributed to moneyed influence; but maybe justice is imbued with the Adventist's idea, that the end is at hand, and temporary sentence for crime a mockery in the eleventh hour. "Vengeance is mine, saith the Lord."

## The Rev. Mr. Brand of Oberlin, Ohio, whose sermon about Druggist Bronson, a sly rumseller, has led to a suit for damages, wound up the discourse by a dressing Bronson thus: "Good men shall breathe freer at thy death and utter thanksgiving when thou art gone. Men shall place thy gravestone as a monument and a testimony that a plague is stayed; and as, borne on the blast, thy guilty spirit whistles toward the gates of hell, the hideous shrieks of those whom thou hast destroyed shall pierce thee—hell's first welcome."

## THE GREAT GERMAN REMEDY FOR RHEUMATISM.

Neuralgia, Sciatica, Lumbago, Backache, Soreness of the Chest, Gout, Quinsy, Sore Throat, Swellings and Sprains, Burns and Scalds, General Bodily Pains, Tooth, Ear and Headache, Frosted Feet and Ears, and all other Pains and Aches.

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## SYMPTOMS OF WORMS.

The countenance is pale and leaden-colored, with occasional flushes of a crimsoned spot on one or both cheeks; the eyes become dull; the pupils dilate; an uneasy, convulsive tremor along the lower eyelids; the nose is irritated, swollen, and sometimes bleeds; a swelling of the upper lip; occasional headache, with humming or throbbing of the ears; an unusual secretion of saliva; slimy or ferret tongue; loss of appetite, particularly in the morning; appetite variable, sometimes voracious, with a gnawing sensation of the stomach; at other times, feeling of pain in the stomach; occasional nausea and vomiting; the bowels are irregular, at times costive; stools slimy, not infrequently tinged with blood; belly swollen and hard; urine turbid; respiration occasionally difficult and accompanied by tickling; cough sometimes dry and convulsive; anorexia and disturbed sleep, with grinding of the teeth; temper variable, but generally irritable. Whenever the above symptoms are found to exist,

DR. C. McLANE'S VERNIFUGE will certainly effect a cure.

In buying Vernifuge be sure you get the genuine DR. C. McLANE'S VERNIFUGE, manufactured by Fleming Bros., at Wood Street, Pittsburgh, Pa. The market is full of counterfeits. You will be right if it has the signature of Fleming Bros. and C. McLANE.

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